

Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

Application

※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8

LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28a/B28b/B38/B40/B41/B66

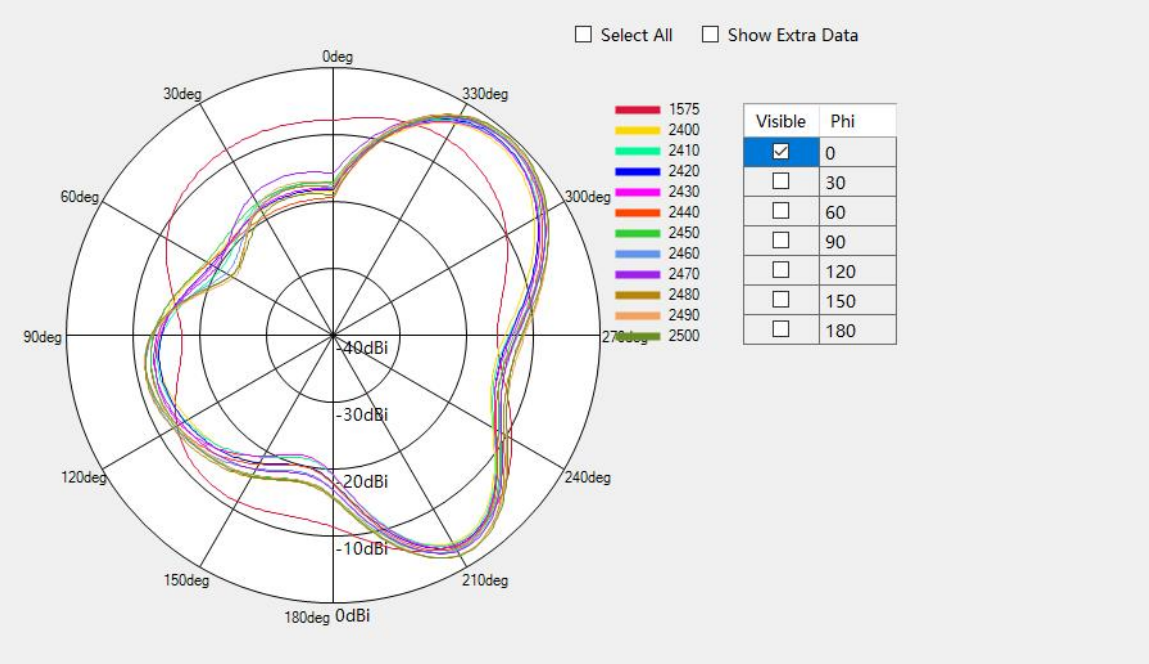
Name and address of the antenna manufacturer	Model number of the antenna
Zhejiang Haitong Communication Electronic Ltd. Co., Chongqing Branch Add: Room 304, Building 27, Fire Chain Digital Innovation Base, Xiantao Data Valley, Yubei District, Chongqing	KN4-ANT0-HT-V0.3-XX KN4-ANT1-HT-V0.3-XX KN4-ANT12-HT-V0.3-XX KN4-ANT13-HT-V0.3-XX (XX:Version-Date)

TYPE	
	GSM 850/WCDMA B5/LTE B5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz

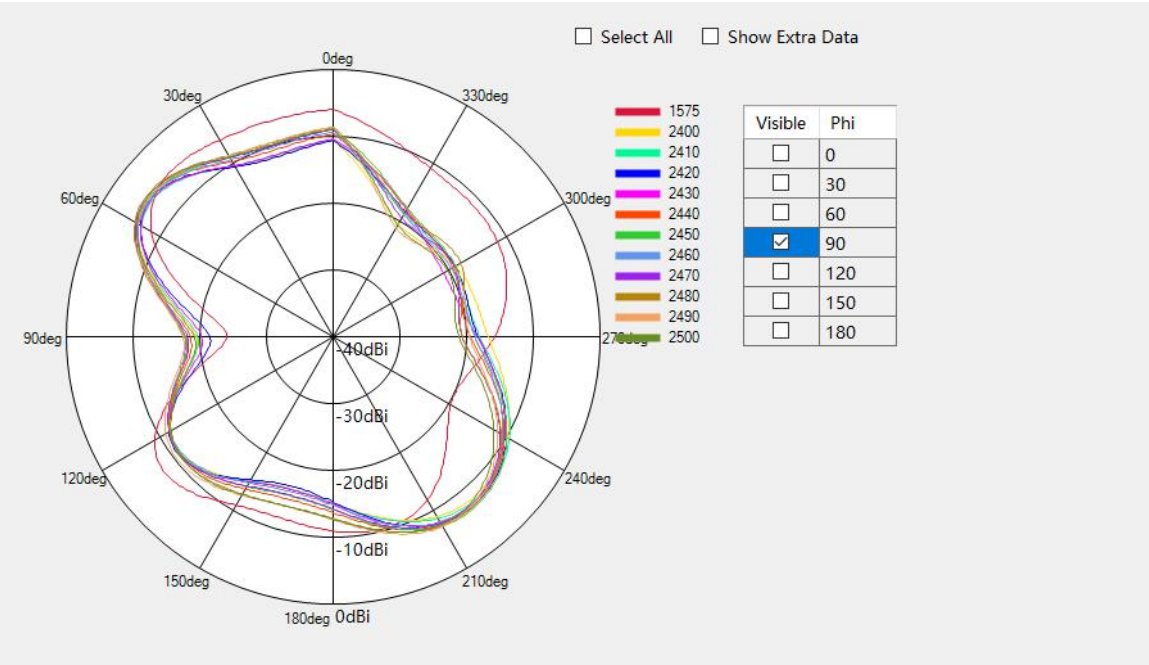
		DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1: 1920 – 1980MHz
		LTE B7:2496-2565MHz
		LTE B40:2300-2400MHz
		LTE B38/B41:2565-2645MHz
		LTE B20:832-862MHz
		LTE B12/B17/B28:710-755MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5: 869 – 894 MHz
		GSM 900/WCDMA B8/LTE B8: 925 – 960 MHz
		DCS/LTE B3/B66: 1805 – 1880 MHz
		WCDMA 4/LTE B4: 2110-2155 MHz
		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/LTE B1: 2110 – 2170MHz
		LTE B7:2620-2690MHz
		LTE B40:2300-2400MHz
		LTE B38/41:2565-2645MHz
		LTE B20:791-821MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B17/B20/B28/B38/ B40 /B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT1	GSM 850/WCDMA B5/LTE B5:-4.63dBi
		GSM 900/WCDMA B8/LTE B8:-4.95dBi
		DCS / LTE B3:-1.02dBi
		PCS/WCDMA B2/LTE B2:-0.91dBi
		WCDMA B1/LTE B1:-0.82dBi
		WCDMA B4/LTE B4/B66:-1.88dBi
		LTE B7/B38/B41:-3.68dBi
		LTE B40: -3.56dBi
		LTE B20:-4.63dBi
		LTE B12/B17/B28:-4.78dBi
Type of Modulation	ANT12	GPS(L1): -0.16dBi BT/WIFI 2.4G: -0.34dBi
	ANT13	WIFI 5G: -0.86dBi

※ Antenna Gain

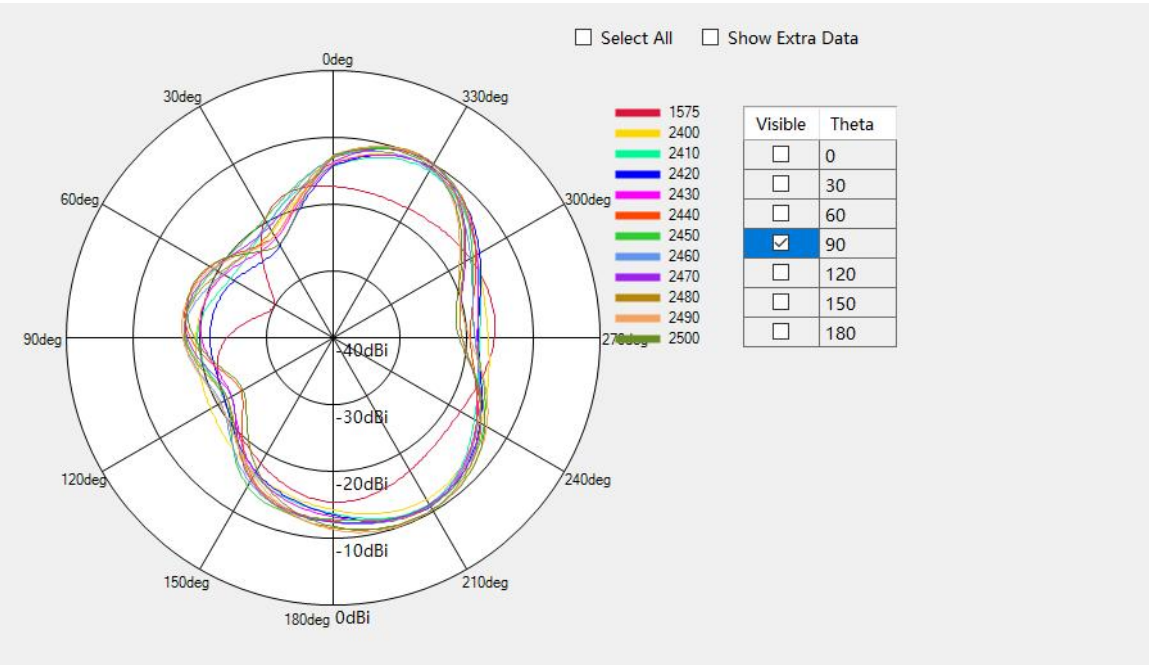
ANT12



GPS&2.4G WIFI&BT Phi=0deg



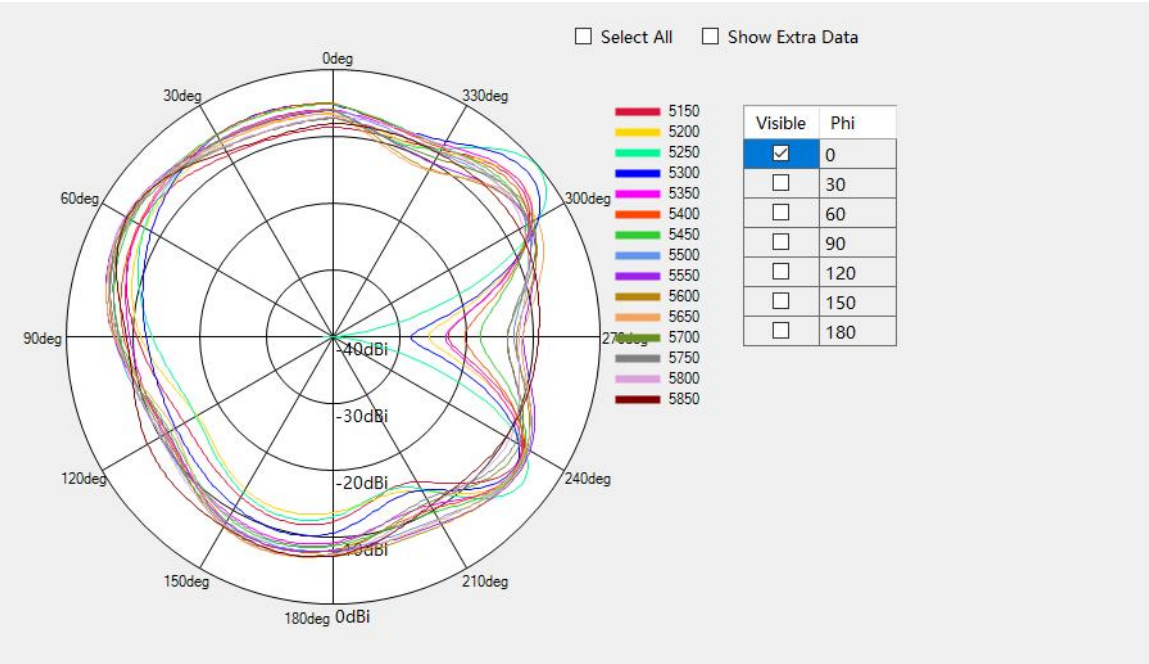
GPS&2.4G WIFI&BT Phi=90deg



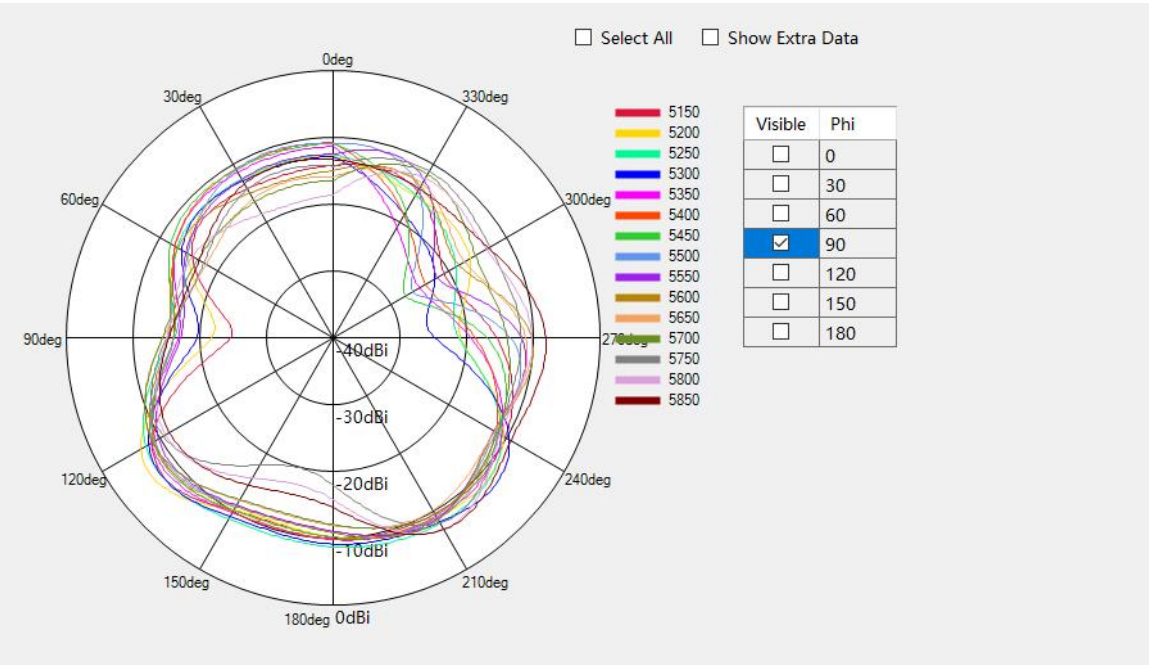
GPS&2.4G WIFI&BT Theta=90deg

※ Antenna Gain

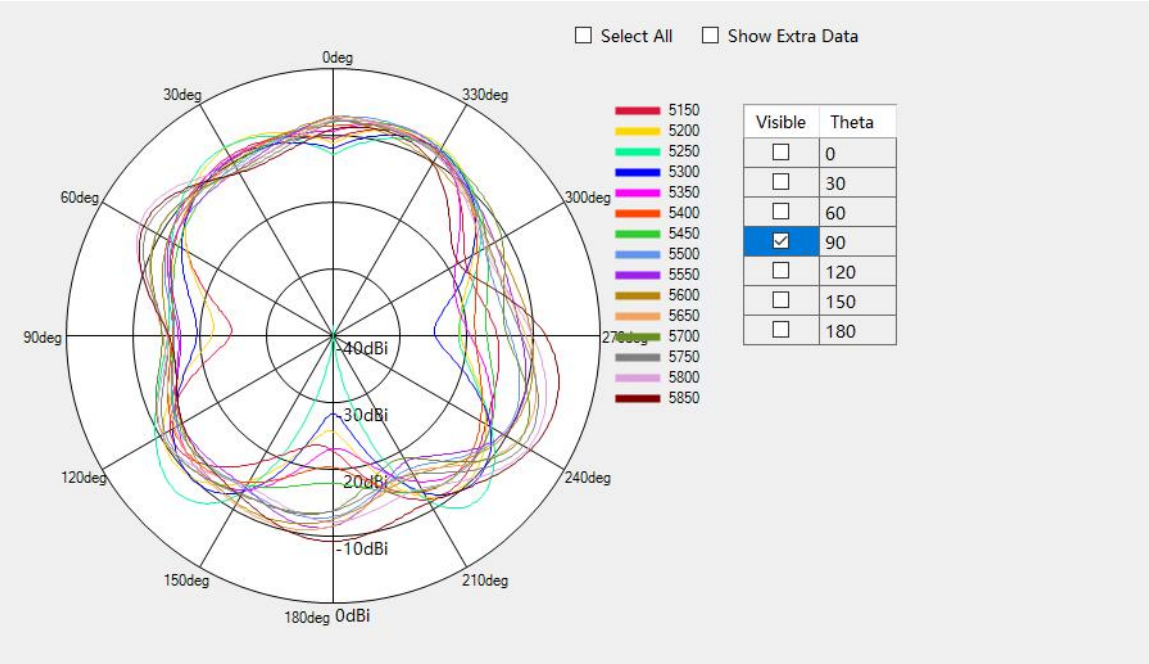
ANT13



5G WIFI Phi=0deg



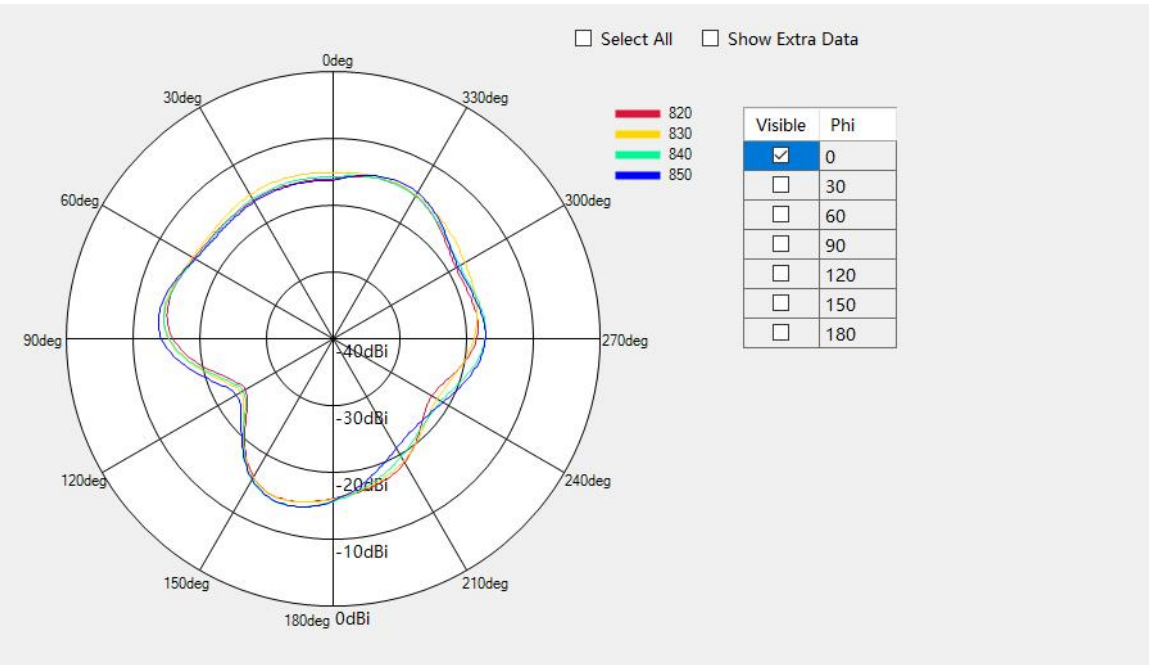
5G WIFI Phi=90deg



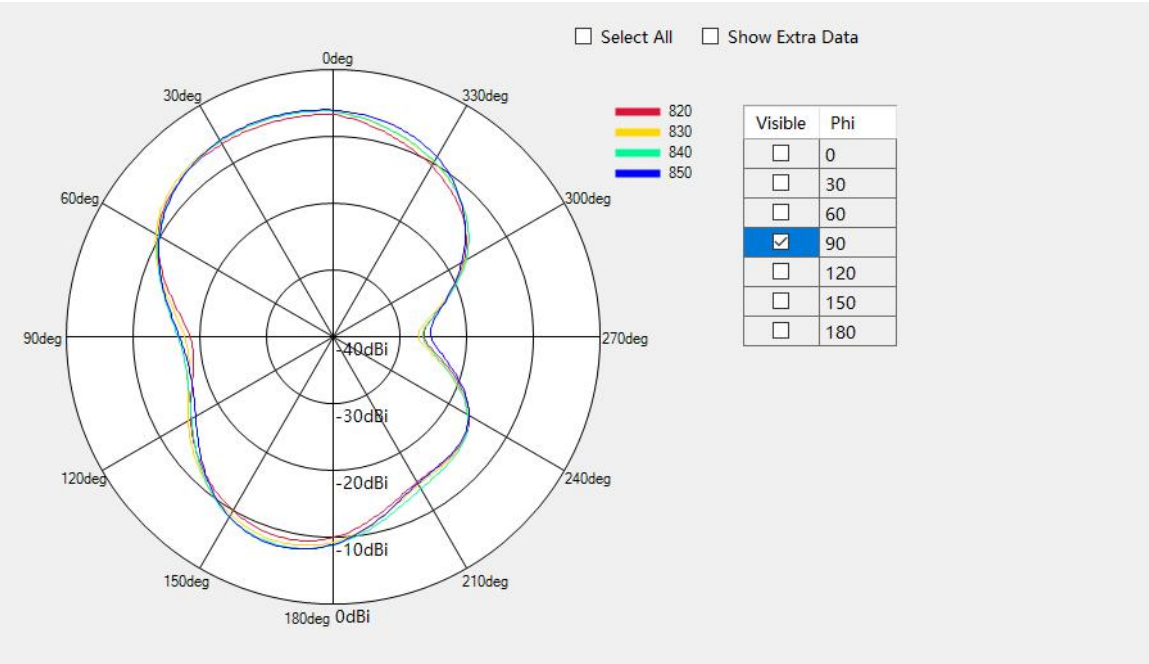
5G WIFI Theta=90deg

※ Antenna Gain

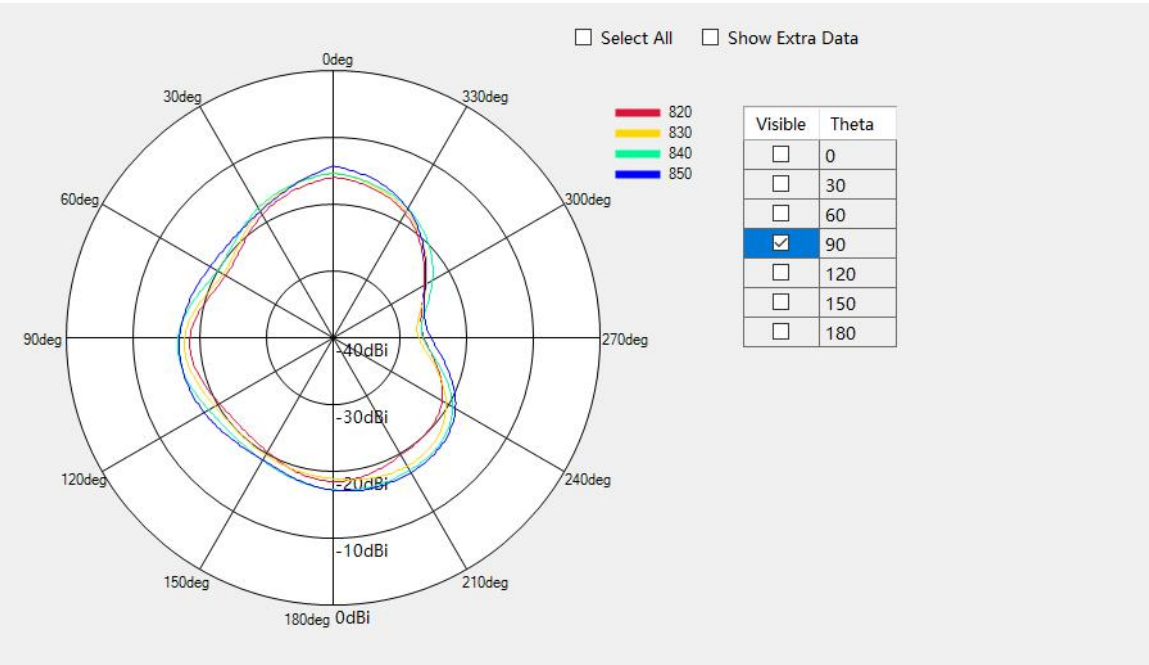
ANT1



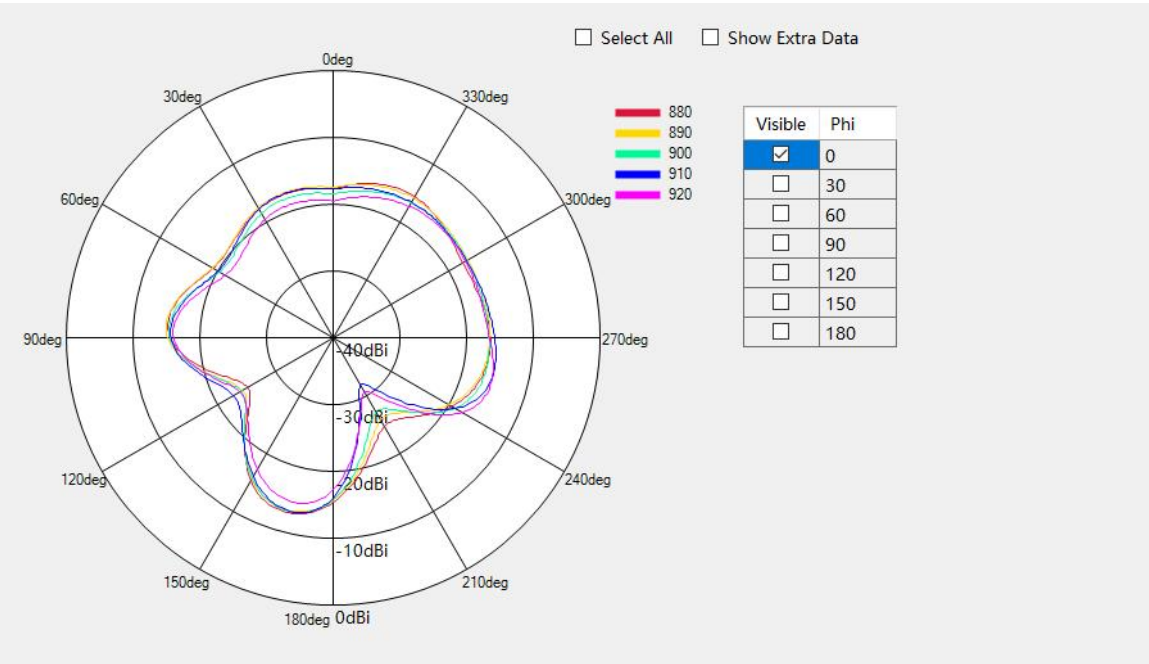
GSM850 / WCDMA B5 / LTE B5/B20 Phi=0deg



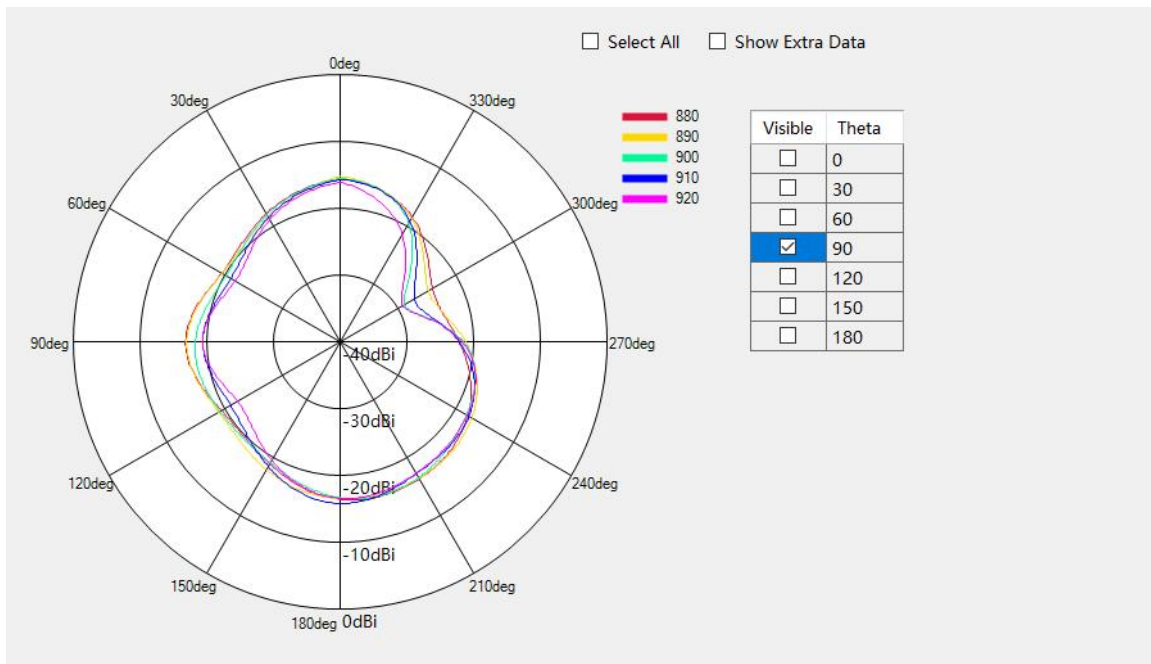
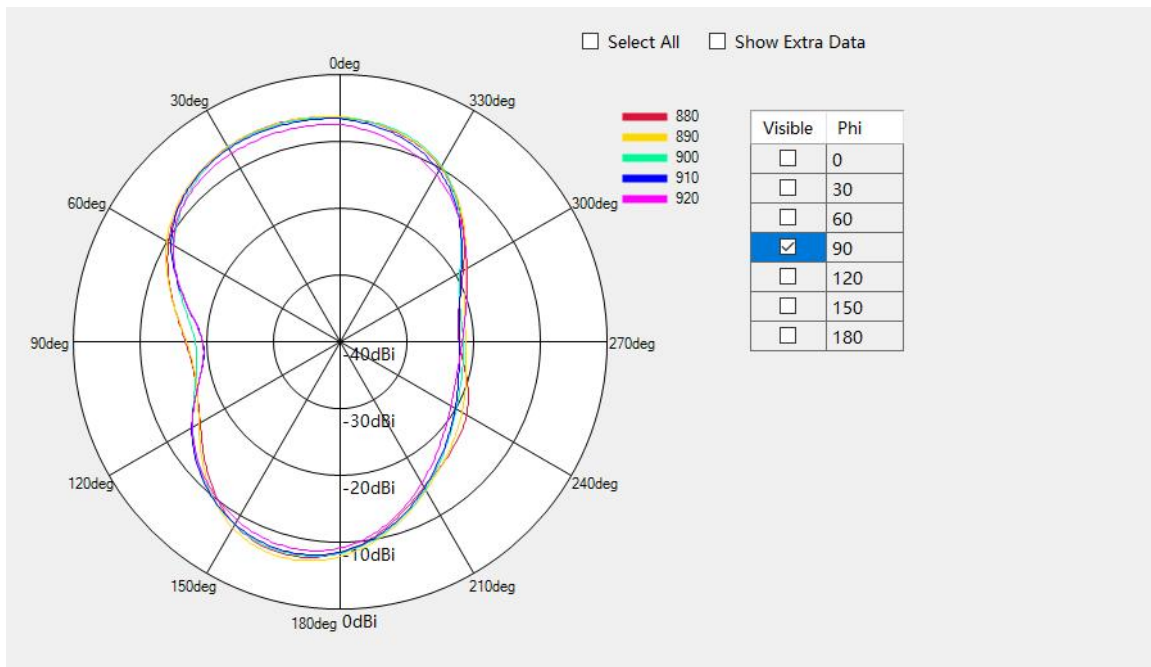
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg

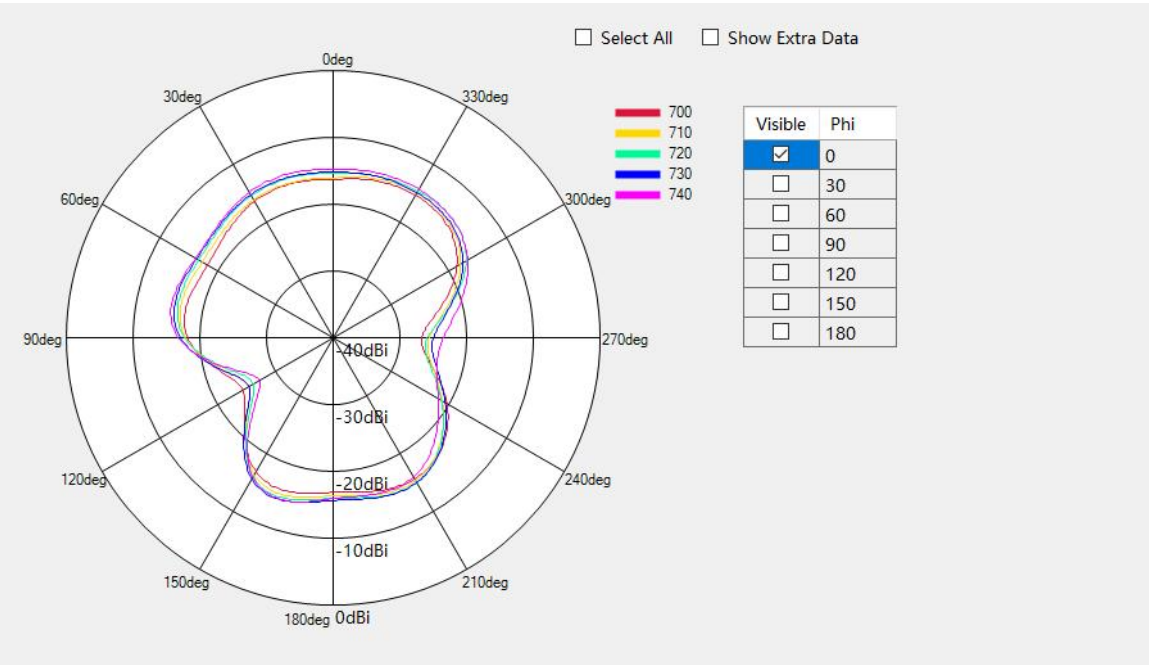


GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

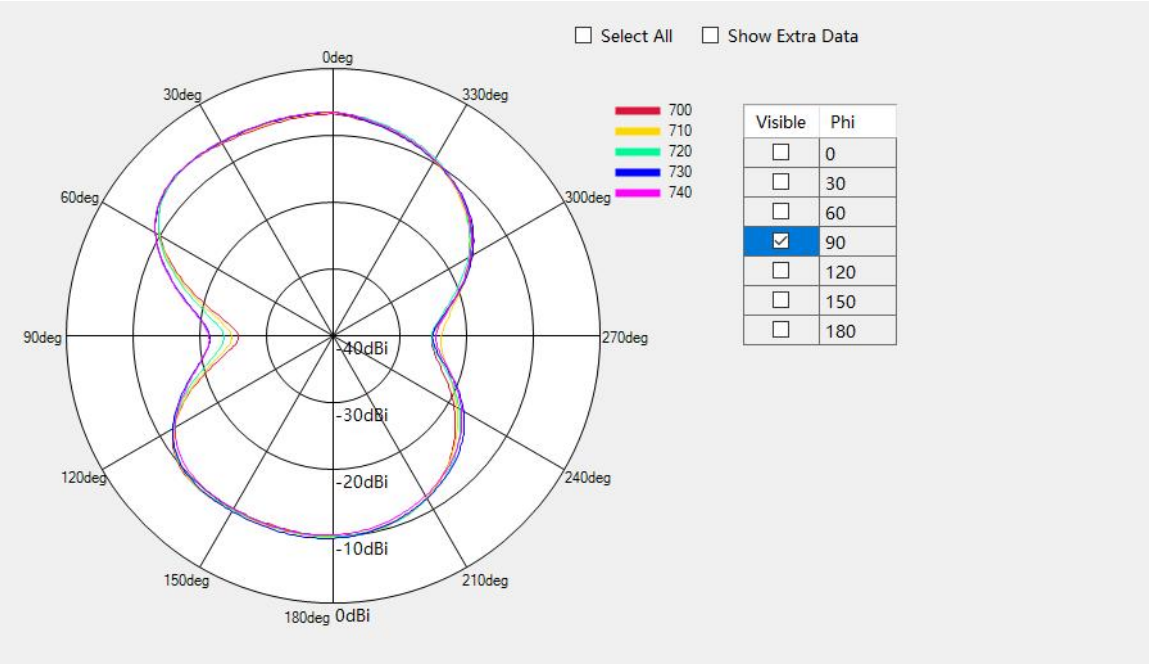


GSM900 / WCDMA B8 / LTE B8 Phi=0deg

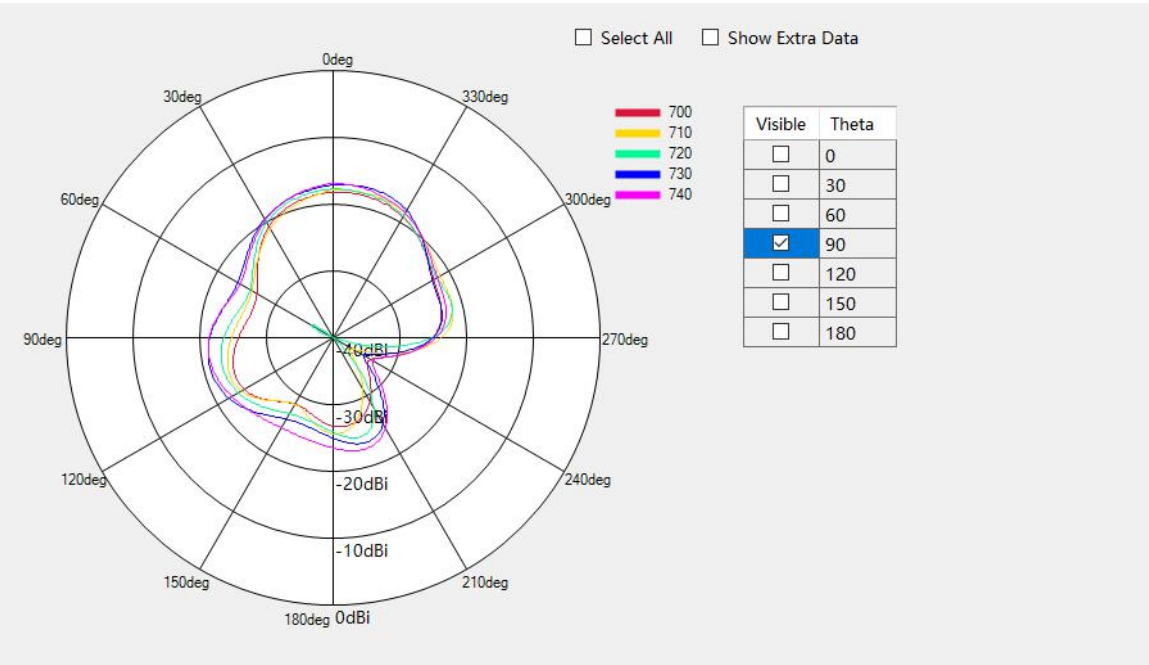




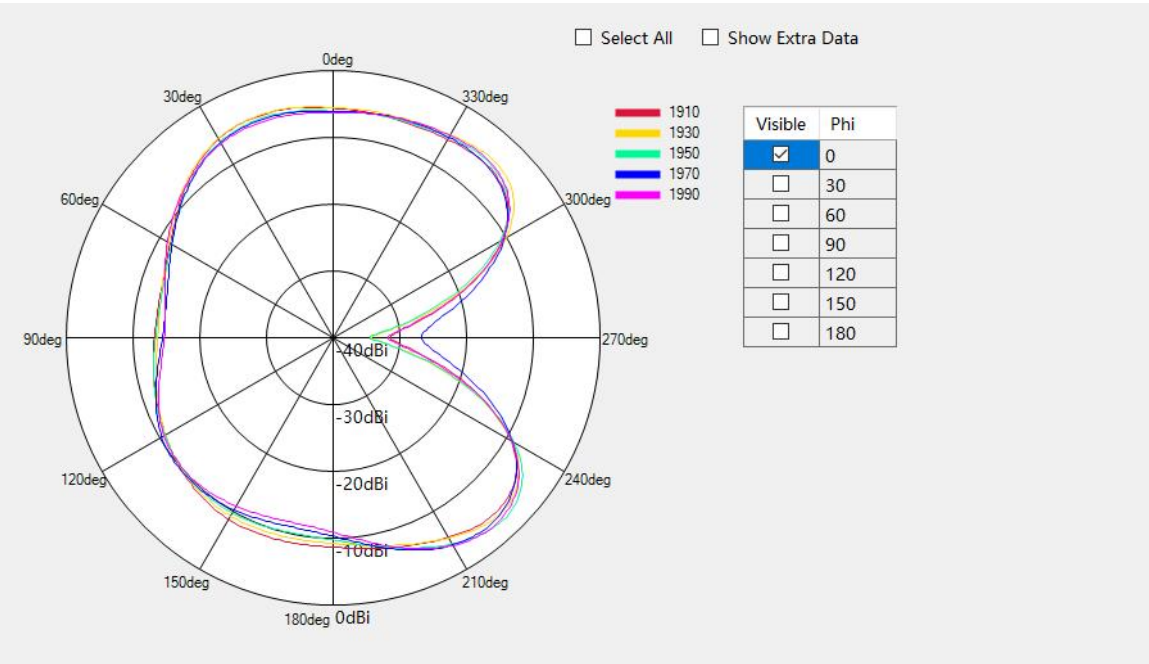
LTE B12/B17/B28 Phi=0deg



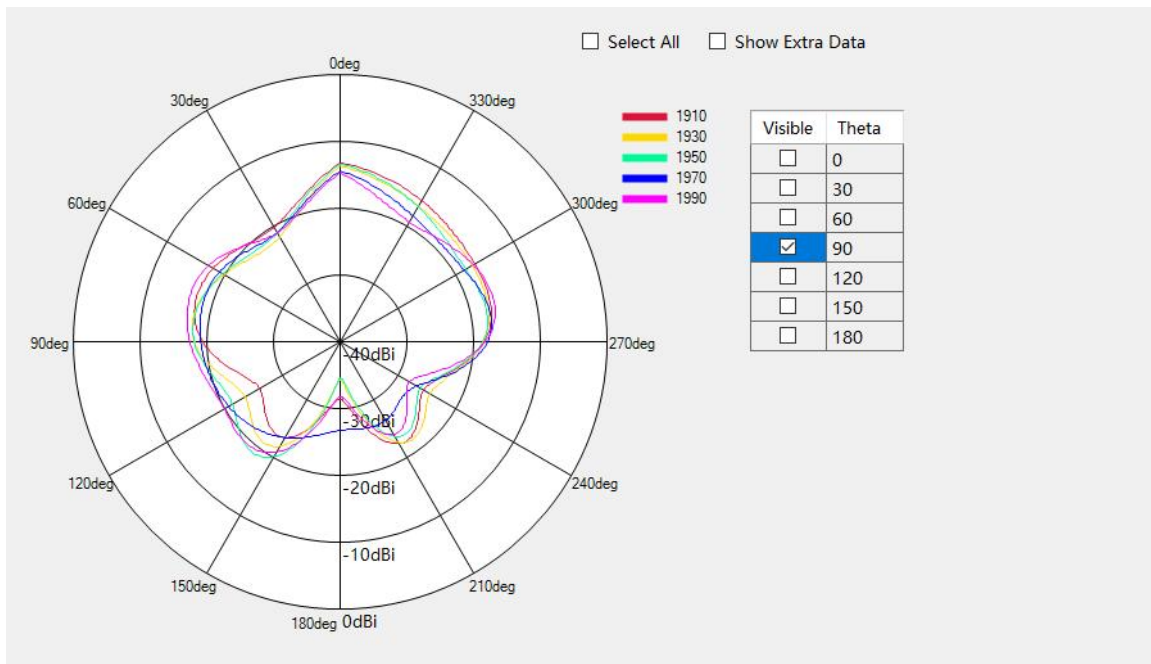
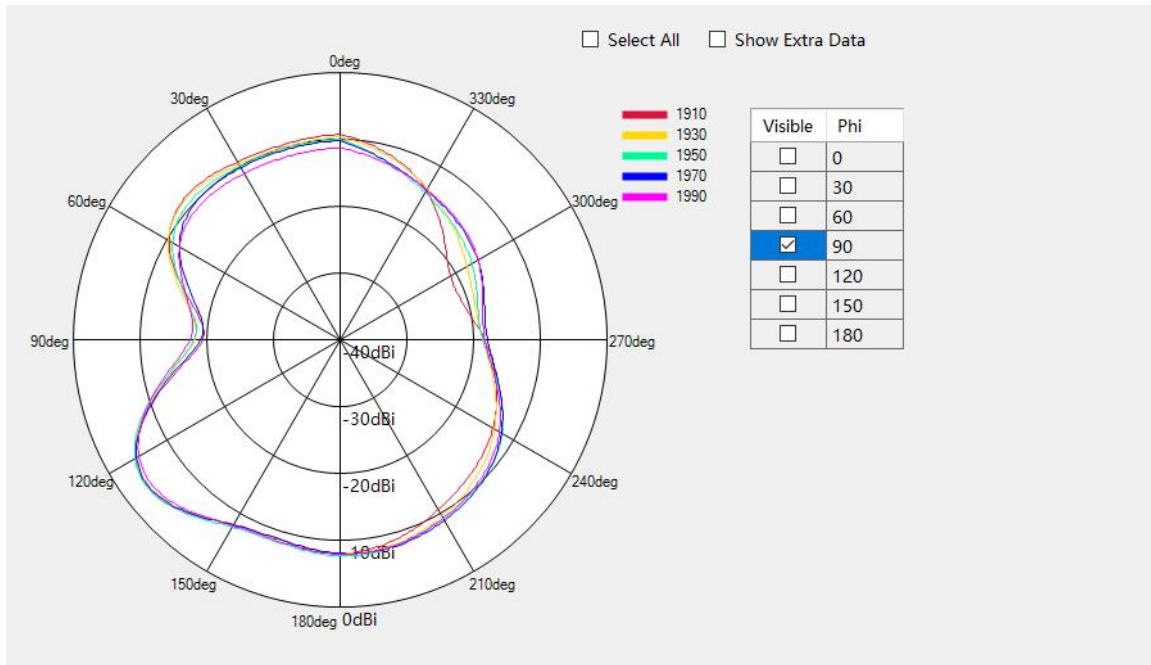
LTE B12/B17/B28 Phi=90deg

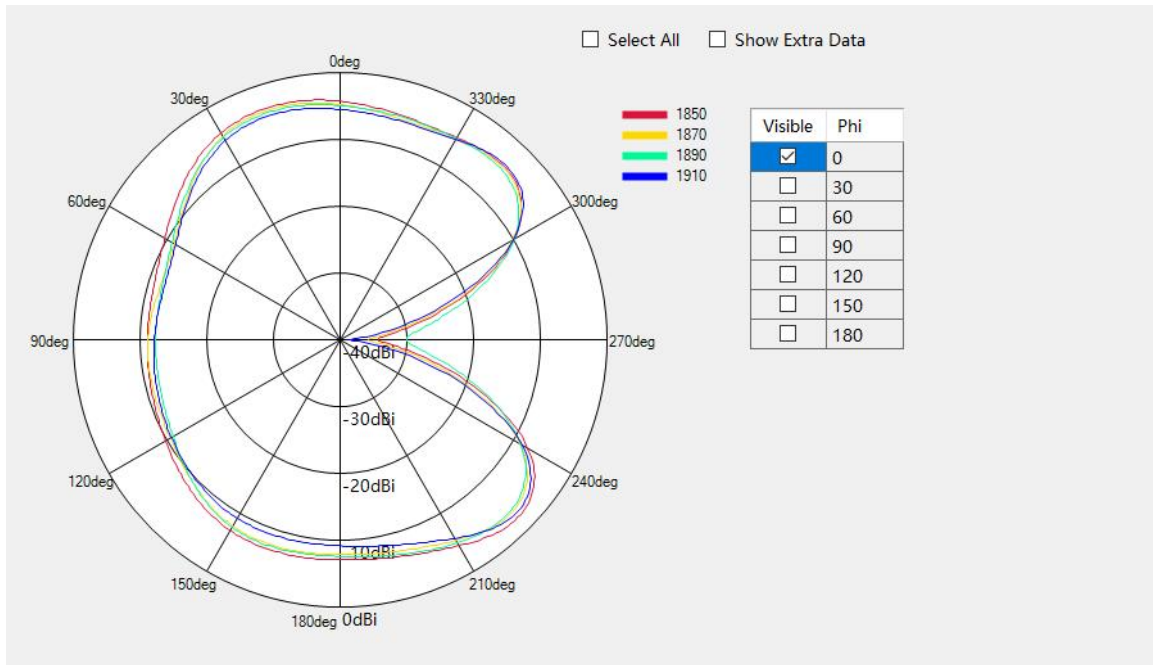


LTE B12/B17/B28 Theta=90deg

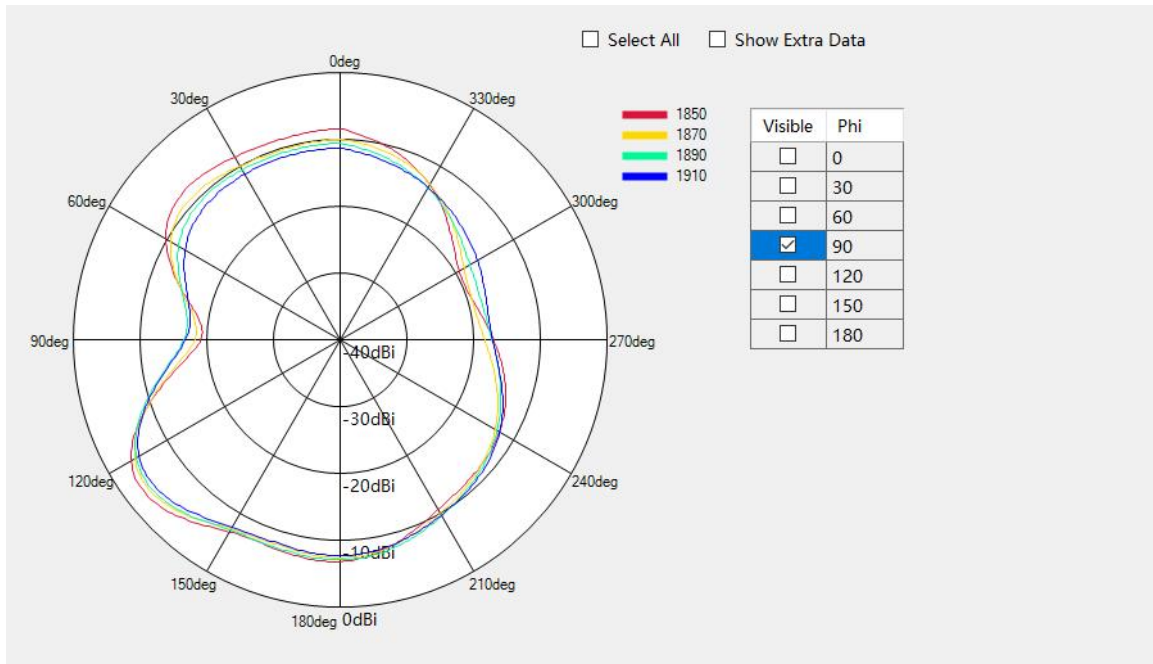


WCDMA B1 / LTE B1 Phi=0deg

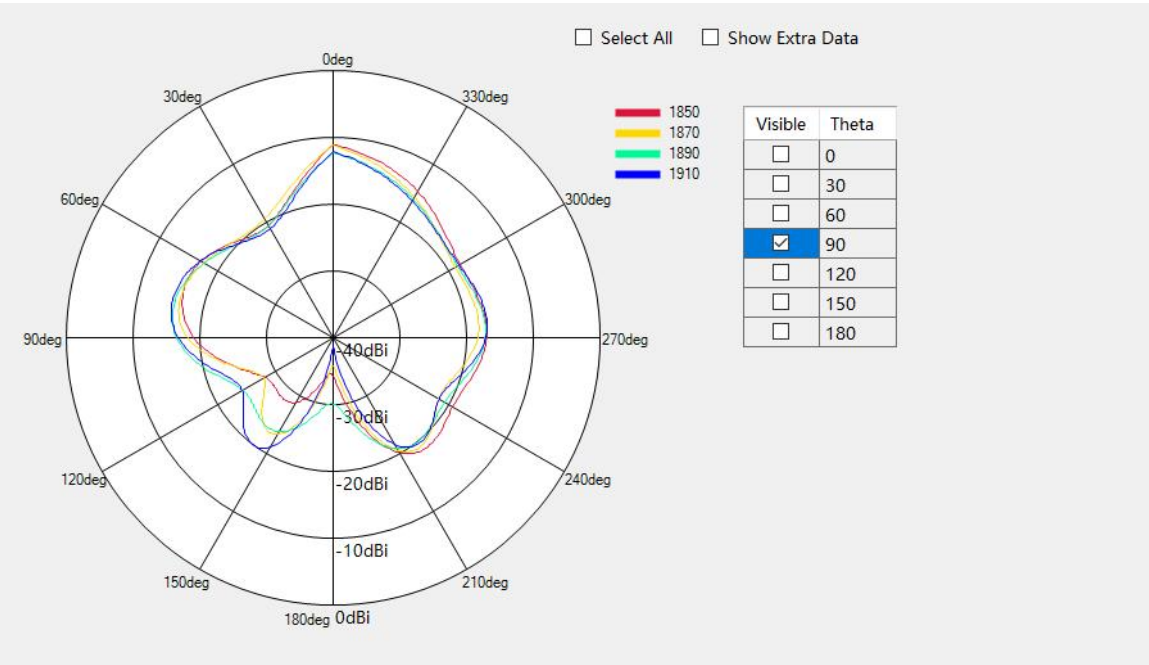




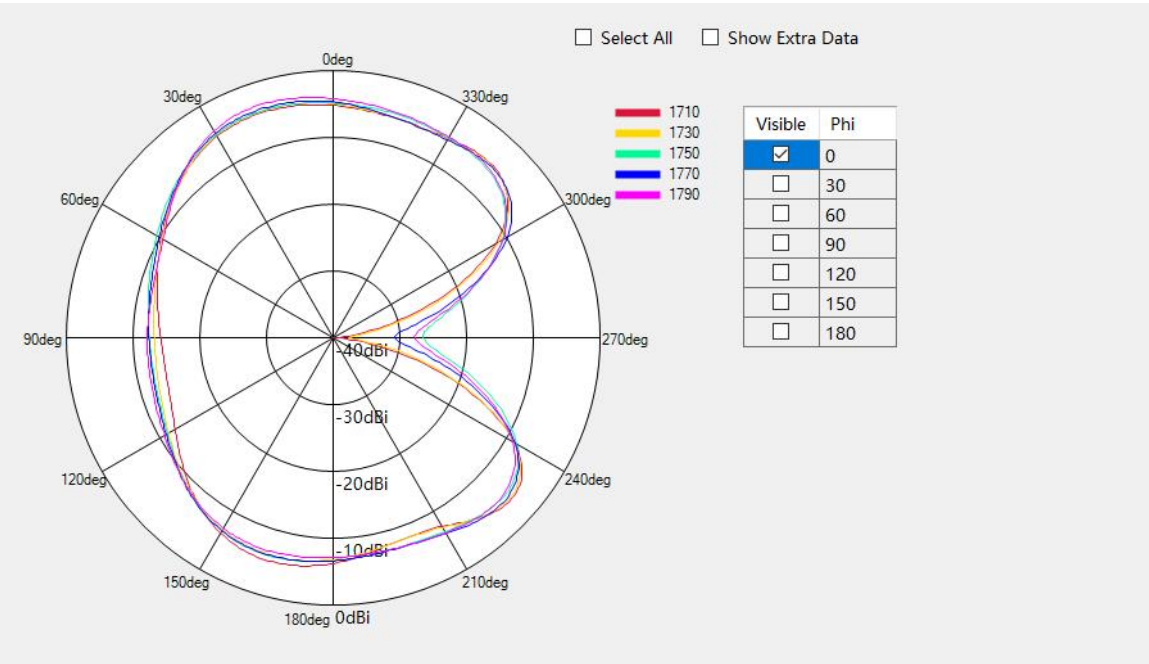
PCS1900 / WCDMA B2 / LTE B2 Phi=0deg



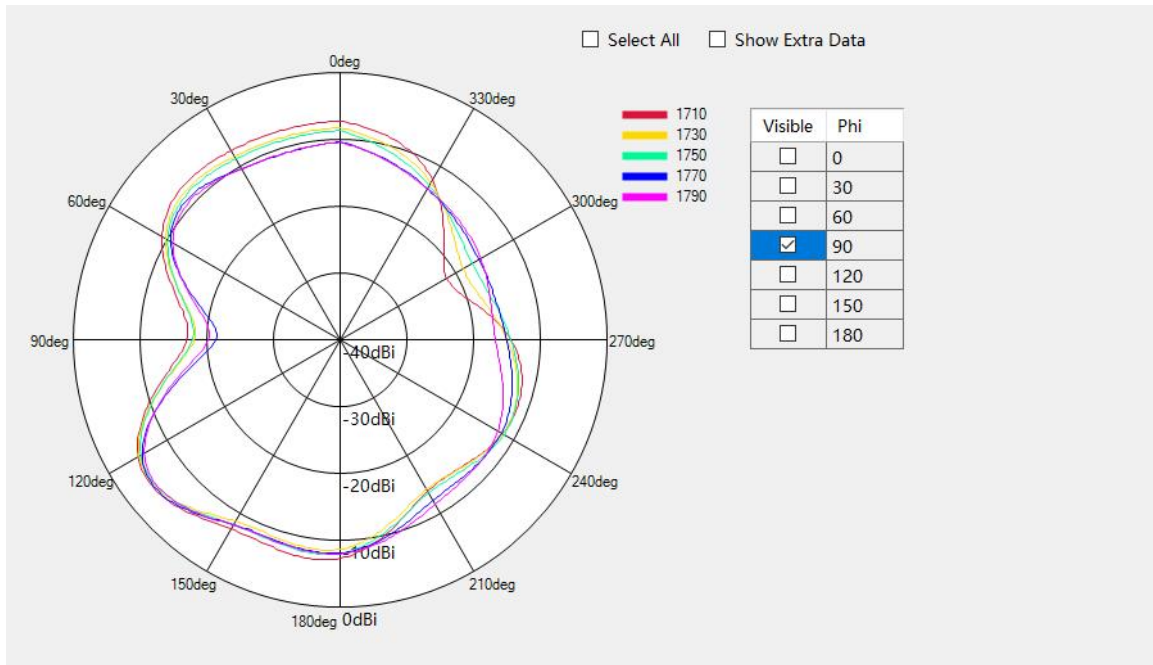
PCS1900 / WCDMA B2 / LTE B2 Phi=90deg



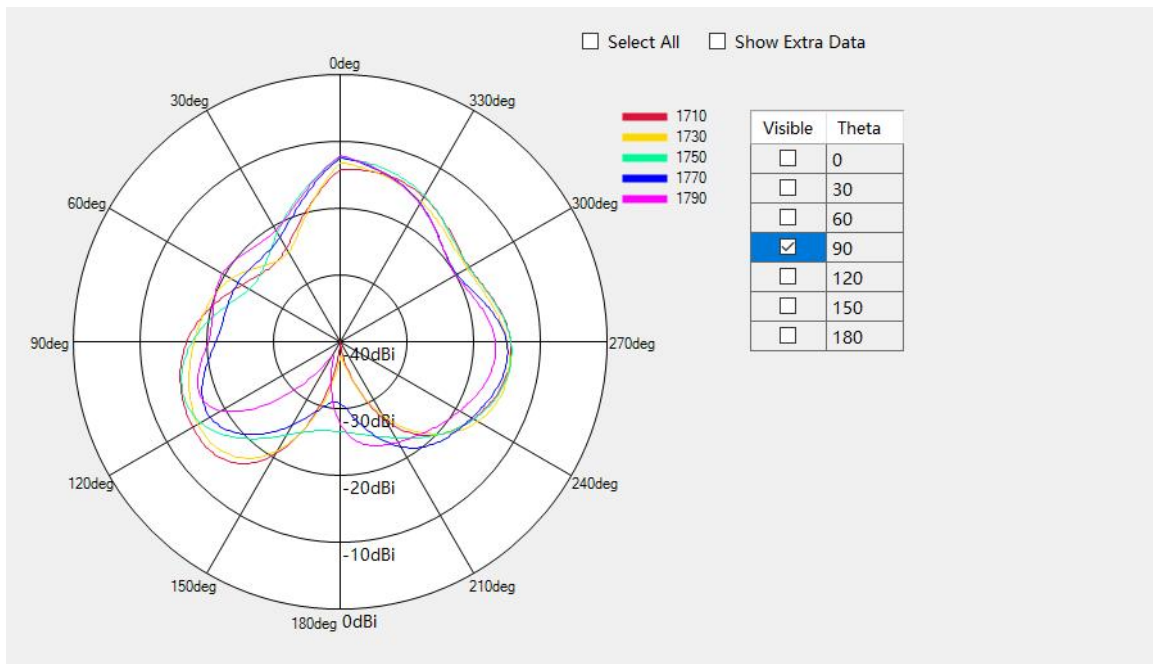
PCS1900 / WCDMA B2 / LTE B2 Theta=90deg



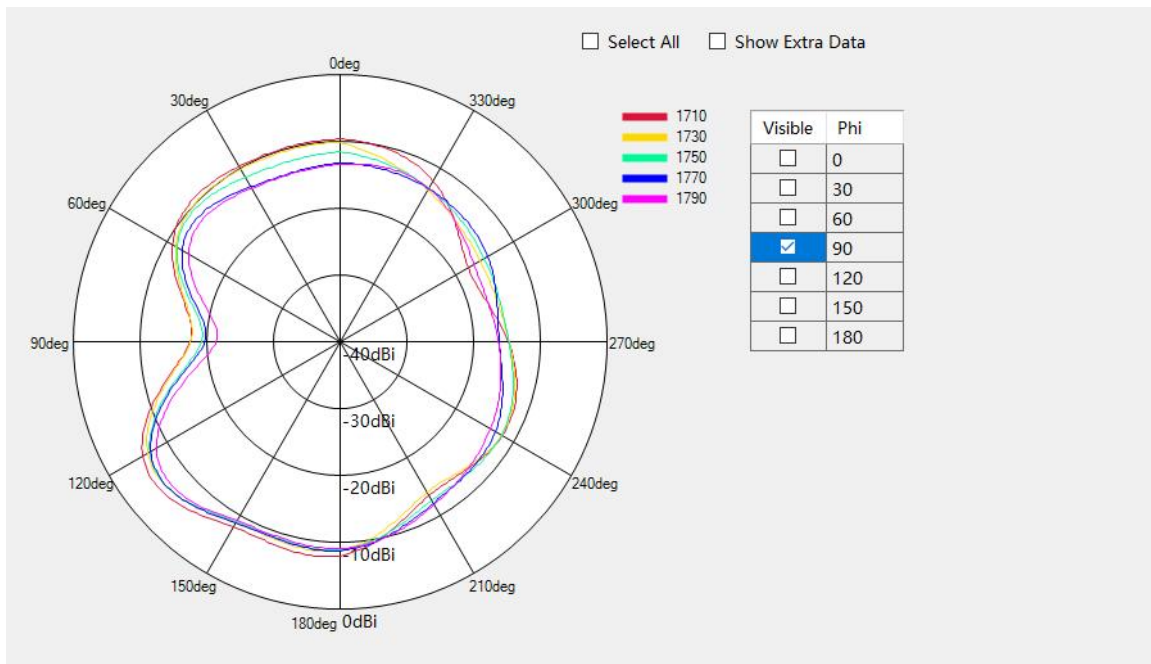
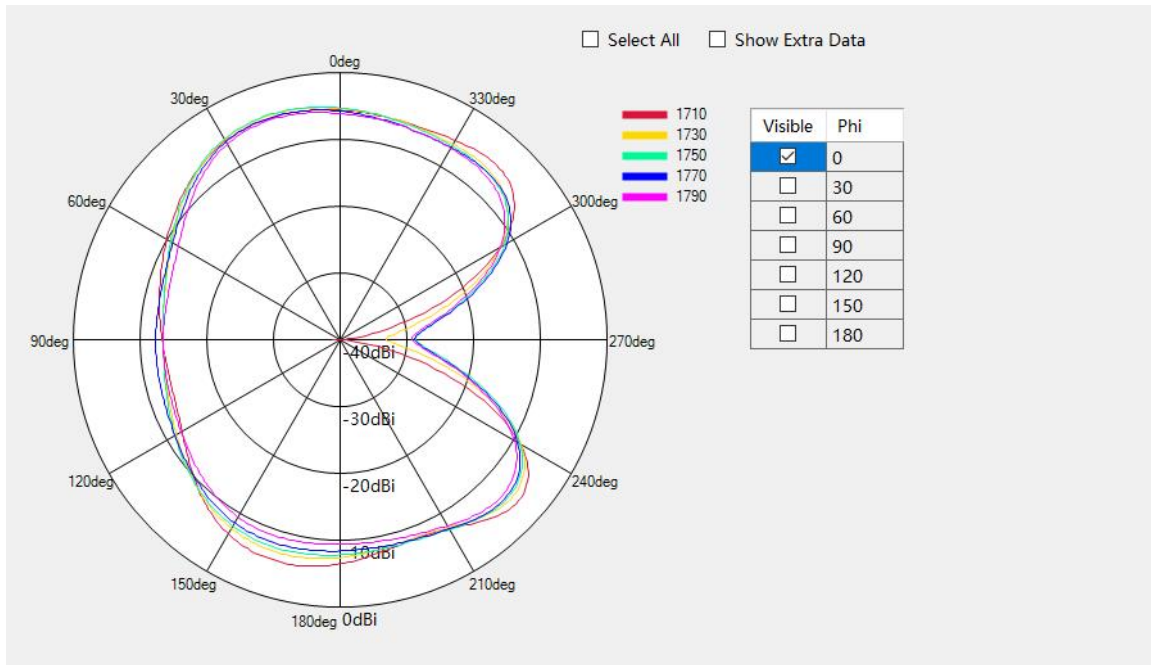
DCS1800 / LTE B3 Phi=0deg

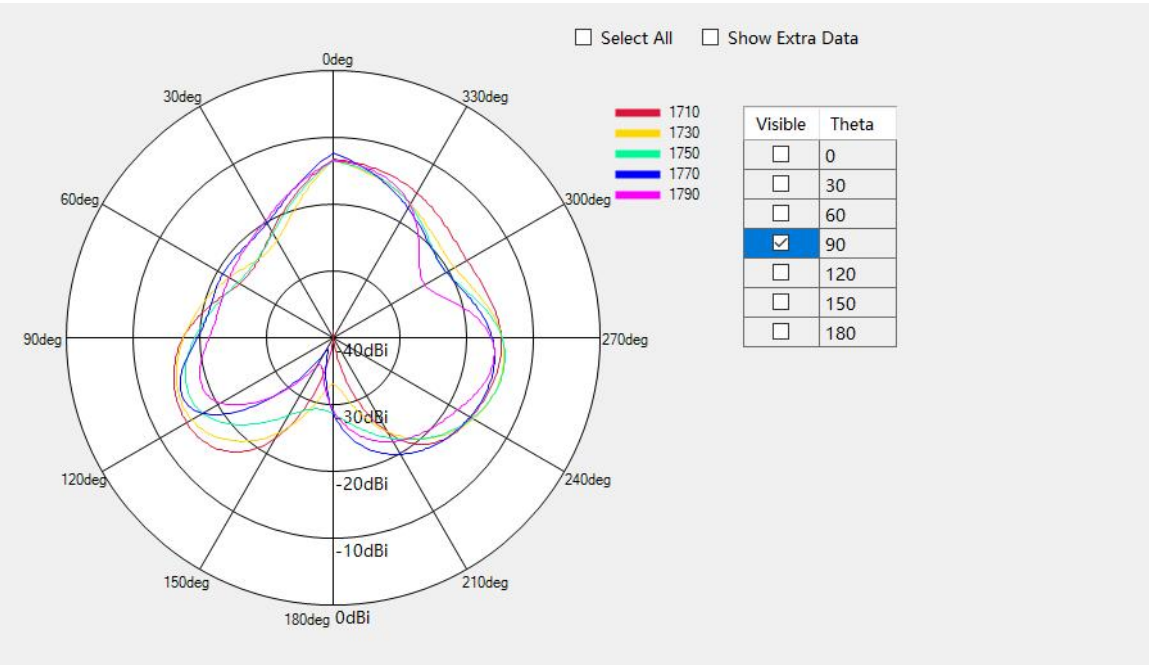


DCS1800 / LTE B3 Phi=90deg

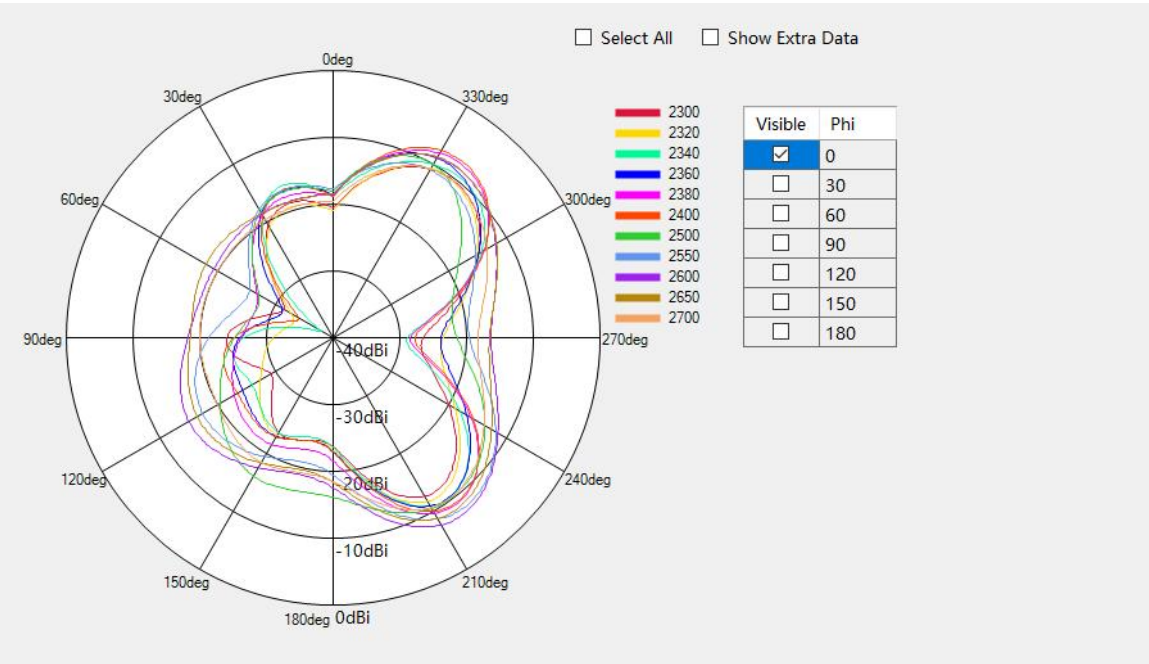


DCS1800 / LTE B3 Theta=90deg

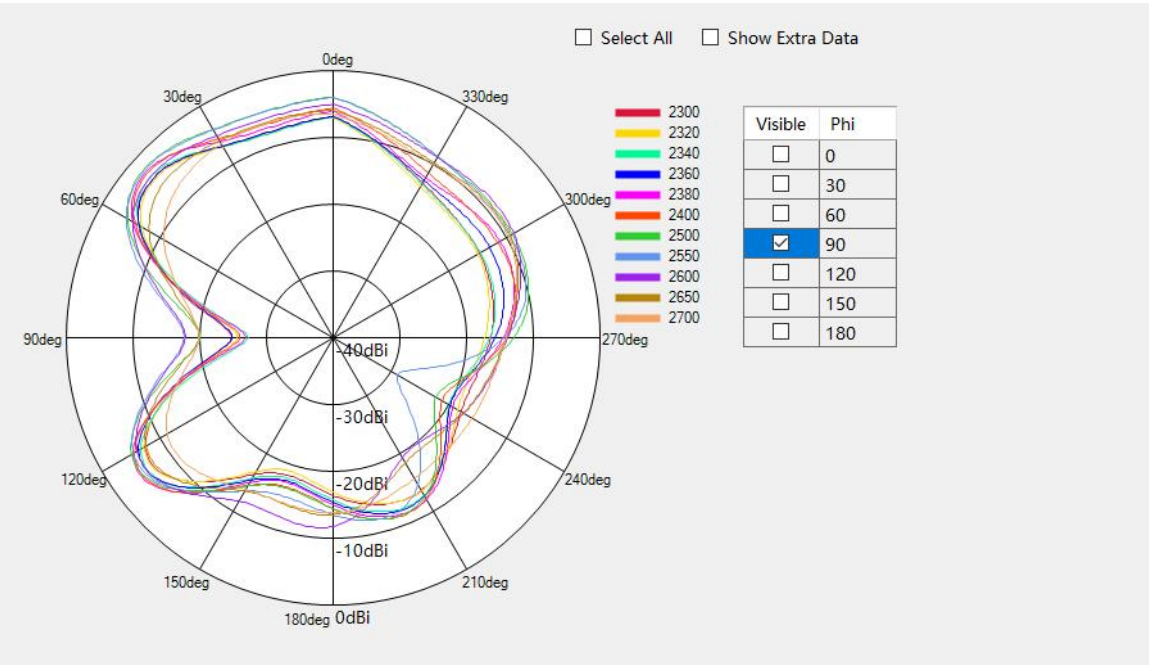




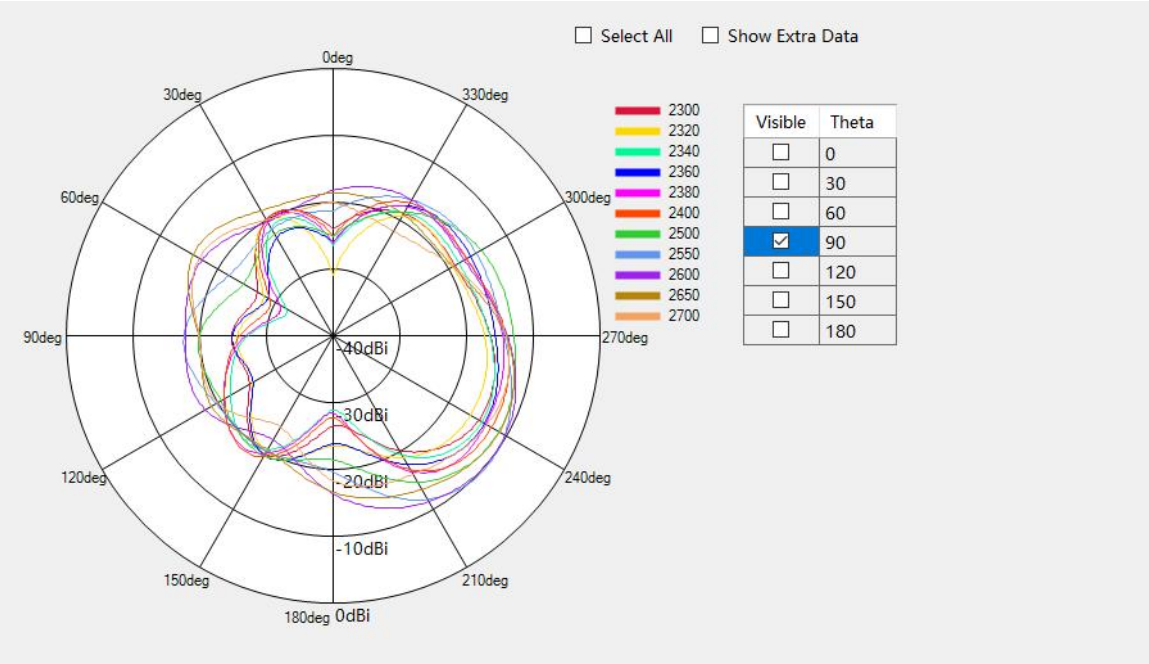
WCDMA B4 / LTE B4/B66 Theta=90deg



LTE B7/B38/B40/41 Phi=0deg



LTE B7/B38/B40/41 Phi=90deg



LTE B7/B38/B40/41 Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2025/12/1